

**STAFF RESPONSE TO TASKING MEMORANDUM AND STAKEHOLDER CONCERNS**

**as of October 9, 1998**

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**I. TOPIC AREA: Risk-Informed and Performance-Based Regulation**

SES Managers: Gary Holahan, Director, DSSA/NRR and Thomas King, Director, DST/RES

**A. Specific Issue: Evaluation of Industry Proposals and Rulemaking**

Objective: The objectives are enhancing safety decisions, efficiently utilizing NRC resources, reducing unnecessary conservatism, as well as soliciting industry insights.

<b>PRIOR TO JANUARY 28, 1999</b>		
Milestone	Date	Lead
1. Conduct Licensing workshop to discuss streamlining the review process for risk-informed (RI) applications	7/22/98C	G. Kelly, DSSA
2. Conduct Periodic PRA Steering Committee Meetings	8/20/98C (Monthly)	RES/DSSA
3. Establish agreement with industry on formation of industry PRA steering committee to interface with NRC Steering Committee and an industry licensing panel to interface with the NRC RI Licensing Panel.	8/98C	RES
4. Meet w/South Texas Project on industry perspective to develop lessons learned	9/15/98C	G. Kelly, DSSA
5. Follow-up to licensing workshop meeting w/UCS/NEI	TBD	M. Caruso, DSSA
6. Conduct discussions with ACRS on risk-informed, performance-based Regulation initiatives	8/98- 12/98 8/26/98C 9/24/98C 9/30/98C 11/19/98 12/3/98	R. Barrett, DSSA/ M. Cunningham, RES
7. Meet with ACRS Subcommittee and request ACRS letter on views and recommendations for staff options paper	8/98 9/24/98C	R. Barrett, DSSA
8. DSI-13 Role of Industry stakeholder meeting	9/1/98 C	J. Craig, RES
9. Reach agreement with NEI on scope, schedule, approach and groundrules for NEI Whole Plant Study (tasks 1-6)	9/98 Sub- sumed in 10 (see note)	M. Drouin, RES

PRIOR TO JANUARY 28, 1999		
10. Issue paper to Commission identifying options on modifying Part 50 to be risk-informed (including <b>the use of the term</b> definition of "safety" and backfitting implications) (9800152) (NRR)	<del>4/99</del> <b>11/98</b>	R. Barrett, DSSA/ M. Cunningham, RES
11. Issue safety evaluation on WOG ISI topical report	01/99	S. Ali, DE RES
12. Meeting on NEI pilot plant preliminary risk results	<del>TBD</del> <b>Sub- sumed in 10 (see note)</b>	M. Drouin, RES

THROUGH JUNE 30, 1999		
Milestone	Date	Lead
13. Workshop on insights from NEI Whole plant study risk results and options for using them to enhance risk-informed regulation	<del>TBD</del> <b>Sub- sumed in 10 (see note)</b>	M. Drouin, RES
14. Develop Rulemaking Commission paper based on Commission response to options paper ( <del>including consideration of NEI Whole Plant Study (tasks 1-6)</del> ) (9800154) (NRR)	TBD	R. Barrett, DSSA/ M. Cunningham, RES
15. Issue safety evaluation on EPRI ISI topical report	<del>early CY99</del> <b>TBD</b>	S. Ali, DE RES

BEYOND JUNE 30, 1999		
Milestone	Date	Lead
16. Endorse ASME RI-ISI code cases via Regulatory Guide 1.147, contingent upon ASME completing code case by 6/31/99.	3/00	D. Jackson, RES S. Ali, DE

## Comments

2. Committee ~~meets approximately monthly. Last meeting 10/1/98. has met on 7/29/98 and 8/20/98.~~ Charter includes:

- Coordination of inter-office PRA Implementation Plan activities
- Resolution of key issues
- Identification of new activities
- Interaction with public and industry

~~3. Meetings will be held with NEI pilots and lead plant pilots (ISI, task 0)~~

~~3-5. PRA Steering Committee meeting required.~~

9, 12, 13. Pilots being treated as part of NEI option to be addressed in Milestone 10. Verbal agreement on this reached with NEI and pilot licensees at 9/15/98 public meeting.

10. Staff has developed new plan and schedule for identifying and evaluating options. Plan provides for interaction with the public, the nuclear industry, the ACRS, and the CRGR in the development and evaluation of options.

~~and 14 . Schedule depends upon NEI pilot project schedules which at present are TBD. A meeting with NEI is tentatively scheduled for 8/28/98 to finalize the schedule~~ Commission response to options paper at Milestone 10.

~~1-6, 10 and 14.~~ Some items budgeted in DSSA, such as support for SMMs, use of PRA in generic issue resolution, events assessment (except for high risk events) participation in planned or reactive inspections, ~~and~~ quarterly updating of PRA plan (9500047, RES) (move to annually), ~~and IPE follow-up,~~ may be deferred in order to meet the above schedules in developing an options paper. Work suggested to be dropped to support these milestones is the modification of Part 52 regarding use of PRAs beyond Design Certification. RES work on proposed revision to Safety Goal Policy will be deferred from 3/99 to 7/99. Status report on this effort will be deferred from 12/98 to 3/99. (9700262) (RES)

11 and 15. Risk-informed licensing panel (RILP) meetings are required.

15. Work has been delayed due to need for additional information from EPRI (RAI issued in June 1997). Staff continues to interact periodically with EPRI and will resume its efforts after staff receives responses to RAs from EPRI. EPRI submitted topical prior to issuance of ISI Reg Guide and Standard Review Plan and as a result did not address certain risk issues or how the changes in program would impact risk.

Additional Activities: The Center for Strategic and International Studies (CSIS) is conducting a study of the NRC regulatory process. Chairman Jackson and Commissioner McGaffigan are members of the Steering Committee. Ashok Thadani is on the working group. This activity will involve several meetings over the next several months and the CSIS schedule calls for a final report by 4/15/99.

**I. TOPIC AREA: Risk-Informed and Performance-Based Regulation**

SES Manager: Gary Holahan, Director, DSSA/NRR

**B. Specific Issue: Pilot Applications**

Objective: The goal of the pilot programs is to complete first of a kind risk-informed licensing reviews such that lessons learned may be utilized for future staff reviews. The pilot applications have provided a forum for developing guidance documents for both the staff and the industry.

<b>PRIOR TO JANUARY 28, 1999</b>		
Milestone	Date	Lead
1. Risk-Informed Licensing Panel (RILP) Meetings - assists in focusing management attention, as necessary, to identify other pilots and ensure lessons learned are developed from pilots	Ongoing	G. Holahan, DSSA
2. Issue safety evaluation on Comanche Peak IST pilot	8/14/98C	D. Fischer, DE DSSA support
<del>6</del> .3. Issue safety evaluation for ANO-2 H <sub>2</sub> monitoring	9/28/98 C	M. Snodderly, DSSA
4. Issue safety evaluation on Vermont Yankee ISI pilot	11/30/98	S. Ali, DE DSSA support
<del>3</del> .5. Issue safety evaluation on Surry ISI pilot	12/31/98	S. Ali, DE DSSA support
<del>5</del> .6. Issue safety evaluation on ANO-2 ISI pilot	12/31/98	S. Ali, DE DSSA support

<b>BEYOND JUNE 30, 1999</b>		
Milestone	Date	Lead
7. Issue safety evaluation on ANO-1 ISI pilot	07/99	S. Ali, DE

**Comments**

All licensing actions dates are contingent upon timely, technically acceptable industry responses to staff inquiries.

~~3~~, 4, 5 and 6. Risk-informed Licensing Panel (RILP) meetings required.

# **I. TOPIC AREA: Risk-Informed and Performance-Based Regulation**

SES Manager: Gary Holahan, Director, DSSA, NRR

## **C. Specific Issue: Plant-Specific Licensing Reviews**

Objective: The use of probabilistic risk assessment in risk-informed decision making for changes to plant-specific licensing basis is intended to enhance safety decisions, efficiently utilize NRC resources and reduce unnecessary conservatism. The goal is to complete first of a kind risk-informed licensing reviews such that lessons learned may be utilized for future staff reviews.

<b>PRIOR TO JANUARY 28, 1999</b>		
Milestone	Date	Lead
1. Establish Lead PM for risk-informed licensing actions	Complete	J. Harold, R. Hall, DRPE
2. Risk-Informed Licensing Panel (RILP) Meetings - assists in focusing management attention, as necessary, on risk-informed licensing actions.	Ongoing	G. Holahan, DSSA
3. Issue safety evaluation on North Anna 1/2 EDG AOT extension	8/26/98 C	O. Chopra, DE DSSA support
6:4. Issue safety evaluation on Oyster Creek proposal on EDG online testing	9/8/98 C	O. Chopra, DE DSSA support
7:5. Issue safety evaluation on San Onofre 2/3 EDG AOT extension	9/9/98 C	O. Chopra, DE DSSA support
5:6. Issue Commission paper related to staff's evaluation of probabilistic assessment of "BWR Reactor Pressure Vessel Shell Weld Inspection Recommendations" (9700209) (NRR)	9/21/98 C	G. Carpenter, DE DSSA support
8:7. Issue safety evaluation for ANO-2 H <sub>2</sub> monitoring	9/28/98 C	M. Snodderly, DSSA
4:8. Create special reporting mechanism in WISP for risk-informed licensing actions to facilitate monitoring and tracking	9/98 10/2/98 C	J. Harold, R. Hall, DRPE
9. Issue safety evaluation on safety injection tank AOT extension for 6 CEONG facilities	11/98	E. Weiss, DSSA
10. Issue safety evaluation on Comanche Peak charging pump AOT extension	11/98	E. Weiss, DSSA



PRIOR TO JANUARY 28, 1999		
Milestone	Date	Lead
11. Issue safety evaluation on Pilgrim EDG AOT extension	12/98	O. Chopra, DE DSSA support
12. Issue relaxation on H <sub>2</sub> monitoring for other plants	12/98	ADPR/DSSA

THROUGH JUNE 30, 1999		
Milestone	Date	Lead
13. Issue safety evaluation on Sequoyah proposal on EDG AOT extension	06/99	O. Chopra, DE DSSA support
14. Issue reliefs from augmented examination requirements for various licensees on BWR reactor pressure vessel circumferential welds	06/99	G. Carpenter, DE
15. Issue safety evaluation on Browns Ferry 2/3 proposal on EDG AOT extension	06/99	O. Chopra, DE DSSA support

### Comments

~~7 and 8. RILP meetings required.~~

~~14. CRGR meeting needed in 10/98. Contingent upon receipt of relief requests from licensees~~

~~43~~ 14-15. Dates to be evaluated during prioritization of risk-informed licensing actions.

**I. TOPIC AREA: Risk-Informed and Performance-Based Regulation**

SES Manager: Gary Holahan, Director, DSSA, NRR and Thomas King, Director, DST/RES

**D. Specific Issue: Guidance Documents**

Objective: To provide guidance for the staff and the industry which will enhance consistency and provide a infrastructure for use in risk-informed regulation.

<b>PRIOR TO JANUARY 28, 1999</b>		
Milestone	Date	Lead
1. NRC/Utility Workshop on Risk-Informed Regulation	07/98C	Completed 7/22/98
2. Communicate about process with Licensing counterparts from industry (NRC/Utility Licensing Workshop)	07/98C	Completed 7/20-21/98.
3. Issue ISI trial use RI RG/SRP to Commission	06/98C	RES S. Ali, DE
4a Complete review of second draft of Phase 1 PRA standard	8/98C	M. Drouin, RES
4b. Paper to Commission on status of PRA standards development effort (9800041) (RES)	10/98	M. Drouin, RES
4c. Phase 1 draft PRA standard submitted for ASME review and comment	11/98	M. Drouin, RES
4d. Phase 1 draft PRA standard issued for public comment	1/99	M. Drouin, RES
5. Revise NRR internal guidance to raise the priority of risk-informed licensing actions	<del>09/98</del> 10/1/98 C	D. Dorman, ADPR
6. Communicate revised priority to industry via PM/Licensing interaction	<del>09/98</del> 10/98	<del>D. Dorman,</del> R. Hall, ADPR
7. Communicate revised priority to industry via Administrative Letter	10/98	<del>D. Dorman,</del> R. Hall, ADPR
8. Issue <del>NRR Office Letter</del> <b>Technical Guidance</b> on Implementation of Risk-Informed Regulation <del>for use</del>	10/98	G. Kelly, DSSA
9. Issue final GQA inspection procedure for use following implementation of South Texas GQA program	12/98	R. Gramm, DRCH

PRIOR TO JANUARY 28, 1999		
10. Integrate risk attributes into revised licensee performance assessment process (9700238) (NRR)	01/99	DISP P. Wilson, DSSA

PRIOR TO JANUARY 28, 1999		
Milestone	Date	Lead
11. Initiate work on Phase 2 PRA draft standard	1/99	M. Drouin, RES

THROUGH JUNE 30, 1999		
Milestone	Date	Lead
12. Phase 1 PRA standard comments received and final draft developed	4/99	M. Drouin, RES
13. Phase 1 PRA standard issued as final by ASME	6/99	M. Drouin, RES
14. Develop risk attributes for revising enforcement policies. Input to II.C.5. (9800155) (OE)	early CY99	OE G. Kelly, DSSA

BEYOND JUNE 30, 1999		
Milestone	Date	Lead
15. First Phase 2 PRA standard developed	TBD	M. Drouin, RES
16. Completion of Phase 2 PRA standard	TBD	M. Drouin, RES

### **Comments**

~~2. Draft procedure due out 10/98 and training of NRC inspection staff will be completed in 6/99.~~

6. Originally due 9/98. PMs received internal guidance on 10/1/98 and are informing licensees accordingly.

9. Draft inspection procedure issued for comment by Regions 9/29/98. CRGR meeting scheduled for 12/9/98. RILP meeting required.

10. ACRS & Commission review, industry workshop (09/98), and PRA Steering Committee meeting required. Public workshop completed 9/30/98.

14. ACRS & Commission review, a public workshop, and PRA Steering Committee meeting required.

5a-d, 11-13, 15,16. Phase 1 is a standard for full power operation, internal events only. Phase 2 is for external events and shutdown. Dates are tentative due to uncertainty associated with the number and nature of comments that may be received, the ASME review and approval process and the success of the working group in writing the Phase 2 standard. This is an ASME initiative and; therefore, the schedules are set by ASME.

## **II. Topic Area: Reactor Inspection and Enforcement**

SES Manager: M. Johnson, Acting Chief, PIPB/DISP/NRR and J. Lieberman, Director, OE

### **A. Specific Issue: Risk Informed Baseline Core Inspection Program**

Program Manager - Jeffrey Jacobson, NRR and John Flack, RES

Objective: To develop and implement a more risk informed, efficient, and effective baseline core inspection program. By risk informed, it is meant that the inspection program's scope will be defined primarily by those areas that are significant from a risk perspective and that the inspection methods used to assess these areas will take advantage of both generic and plant specific risk insights.

Coordination: Issues II.A. "Risk Informed Baseline Core Inspection Program," II.B. "Enforcement Program Initiatives," II.C. "Escalated Enforcement Program," III.A. "Performance Assessment Process Improvements," and VI.G "Event Reporting Rulemaking," require close coordination and the integration of specific tasks by the NRC staff. Responsible project managers are coordinating these activities by assessing the impact of proposed program changes with the other ongoing activities and ensuring that the overall objectives for each project are achieved. Examples include, intra-project task force participation, workshop attendance, concurrent review of projects and periodic senior management briefings. In addition, industry-developed initiatives such as the NEI New Regulatory Oversight Process are being reviewed by all project groups and evaluated for impact.

<b>PRIOR TO JANUARY 28, 1999</b>		
<b>Milestone</b>	<b>Date</b>	<b>Lead</b>
1. Establish management oversight panel (performance assessment and risk informed inspection program)	9/98 <b>C</b>	C. Holden, DISP
2. Issue detailed plan and team charter	9/98 <b>C</b>	J. Jacobson, DISP
3. Brief Commission TA's	9/98 <b>C</b>	J. Jacobson, DISP
4. Select improvement team members	9/98 <b>C</b>	C. Holden, DISP J. Jacobson, DISP
5. Support NRR public workshop on soliciting input on approaches to risk-informed inspection (RES to present options at workshop).	9/28/98 <b>C</b>	J. Flack, RES
6. Solicit input from stakeholders on scope of inspection at regulatory assessment public workshop, coordinating with issue III.A.	9/28-10/1/98 <b>C</b>	J. Jacobson, DISP

PRIOR TO JANUARY 28, 1999		
7. Re-define core inspection program objectives based upon oversight concept	10/98	J. Jacobson, DISP
8. Draft boundary conditions for core inspection program changes <b>Meet with ACRS to discuss workshop results</b>	10/98 <b>C</b>	J. Jacobson, DISP
9. Develop guidance for assessing current core inspection program	10/98	J. Jacobson, DISP
109. Prepare draft recommendations on core inspection based on review of BWR and PWR PRA.	10/30/98	J. Flack, RES
140. Discuss with ACRS <b>subcommittee</b> proposed scope and approach	11/15/98	J. Flack, RES <b>J. Jacobson, DISP</b>
121. <del>Research to provide insights on formulation of a risk informed inspection program</del> <b>Develop draft inspection program objectives</b>	12/98 11/98	J. Flack, RES <b>J. Jacobson, DISP</b>
132. <del>Assess current program and propose changes</del> <b>Develop Commission Paper proposing a risk-informed baseline core inspection program (9800156) (NRR)</b>	12/98	J. Jacobson, DISP
143. Brief Commission TA's	12/98	J. Jacobson, DISP
154. Communicate proposed changes to staff <b>to obtain internal stakeholder feedback</b>	12/98	C. Holden, DISP
165. Develop transition strategy	1/99	J. Jacobson, DISP C. Holden, DISP
176. Brief Commission on recommended program changes (9800156) (NRR)	1/99	J. Jacobson, DISP

THROUGH JUNE 30, 1999		
Milestone	Date	Lead
187. Begin <del>making</del> <b>drafting</b> program changes and conduct training of staff	2/99	J. Jacobson, DISP
198. Begin implementation of new core inspection program	3/99	J. Jacobson, DISP

BEYOND JUNE 30, 1999		
Milestone	Date	Lead
2019. Complete transition to risk informed core inspection program	10/99	J. Jacobson, DISP

Comments:

Status: All milestones are on track, there are no schedule changes, and no expected delays.

Changes to original milestones 8, 9, 12, and 13 reflect deliverables of program review.

1. The establishment of a management oversight panel will ensure timely guidance on policy issues both prior to and during the development of the process. The oversight panel will also help to ensure organizational alignment and buy-in on the new process. The panel should include representatives from key stakeholder groups within the agency, primarily NRR and the Regions.

3 and 14. Briefings of commission TA's will be conducted at key milestones to help ensure organizational buy-in of the completed process. Formal briefings of the full commission will be conducted as part of a comprehensive briefing on the overall assessment process. These full commission briefings are indicated on the action plan for Performance Assessment Process Improvements.

4. Improvement team members should include representatives from key internal stakeholder groups, primarily regional and resident inspectors.

6. The scope of the inspection program is scheduled to be discussed during the assessment process public workshop. During this workshop, feedback will be solicited from industry representatives as well as members of the general public. Also, the workshop results will be published and used to communicate to the staff the issues currently being considered in developing the new inspection program.

7. The inspection program objectives will be re-defined after agreement is reached on a redefined assessment process framework.

13. A team approach will be utilized in assessing the current program and proposing changes. Included within the team will be a representative from the Office of Research who will help in ensuring the new inspection program is risk informed.

15. An important part of the change management strategy for implementing the new inspection and assessment programs will be communication with the staff both during and after development.

16. "Change management" concerns should be addressed as part of developing the transition strategy.

18. Training to include overview of specific program changes as well as restatement of selected inspection fundamentals regarding interfaces with licensees.

Deferrals and Suspensions:

Upon Commission approval, the staff will suspend SALP in a structured manner. Plant performance will continue to be addressed by Plant Performance Reviews (PPRs). The resources to accommodate the accelerated efforts of the Tasking Memorandum pertaining to inspection, enforcement and performance assessment will be derived from a combination of those efforts planned previously in these areas, staff redirection over the next year, and the resources derived from suspension of the SALP process. The expectation is that by January, 1999 progress on the enhanced assessment process will be sufficient to determine whether the SALP process will be conducted in the future.

RES work assessing the effectiveness of the station blackout and anticipated transient without scram rules and generic safety issue A-45 (decay heat removal) will be deferred from 12/98 to 4/99. (9700346) (NRR)



## **II. Reactor Inspection and Enforcement**

SES Manager: James Lieberman, Director, Office of Enforcement

### **B. Enforcement Program Initiatives**

Issues/Lead Individual:

- 1) NRC-licensee documentation and disposition of non-risk significant violations  
Mark Satorius
- 2) Severity Level IV violations  
Mark Satorius
- 3) Industry Enforcement Process Proposals  
Mark Satorius

Due to the manner that these three issues are linked, all are being considered under one Plan of Action.

Objective: Reduce licensee burdens associated with responding to non-risk significant violations (Issues Nos. 1 and 2) utilizing initial stakeholder inputs and proposals and soliciting stakeholder feedback following implementation of Enforcement Program changes (Issue No. 43), without losing the NRC's ability to detect licensee problems in a timely manner.

Coordination: Issues II.A. "Risk Informed Baseline Core Inspection Program," II.B. "Enforcement Program Initiatives," II.C. "Escalated Enforcement Program," III.A. "Performance Assessment Process Improvements," and VI.G "Event Reporting Rulemaking," require close coordination and the integration of specific tasks by the NRC staff. Responsible project managers are coordinating these activities by assessing the impact of proposed program changes with the other ongoing activities and ensuring that the overall objectives for each project are achieved. Examples include, intra-project task force participation, workshop attendance, concurrent review of projects and periodic senior management briefings. In addition, industry-developed initiatives such as the NEI New Regulatory Oversight Process are being reviewed by all project groups and evaluated for impact.

<b>PRIOR TO JANUARY 28, 1999</b>		
<b>Milestone</b>	<b>Date</b>	<b>Lead</b>
1. Implement an Enforcement Guidance Memorandum (EGM) to clarify guidance under the existing Enforcement Policy that provides licensees incentives to self-identify and correct problems in order to avoid the issuance of notices of violations.	EGM issued on 7/27/98C	M. Satorius
2. Monitor the success of EGM 98-006 on lessening the burden to licensees by reducing the volume of Severity Level IV violations, including violations not cited and both those requiring and not requiring a response.	Begin 9/1/98 and continue	M. Satorius

PRIOR TO JANUARY 28, 1999		
3. Conduct a public meeting with stakeholders to solicit input on the manner that the Enforcement Policy may be revised.	9/3/98 <sup>C</sup>	M. Satorius
4. Utilize previously received written inputs from external stakeholders that provides positions on the manner that the objectives should be accomplished.	9/18/98 <sup>C</sup>	M. Satorius
5. Submit a Commission Paper incorporating the views of internal and external stakeholders that provides the Commission several options (and the staff's recommendation) on the manner to achieve the objectives by proposing an Enforcement Policy change. <del>This paper and the proposed changes will also address the agency's response to industry's concerns in the use of "regulatory significance."</del> (9800069) (OE) (9800174) (OE)	<del>10/16/98</del> 10/23/98	M. Satorius
6. Commission approves staff Enforcement Policy revision and the Revised Policy is published in the Federal Register, with the message to stakeholders that six months after implementation of the Revised Policy, public meeting/workshops will be held for stakeholder feedback.	11/16/98	M. Satorius
7. Conduct Regional Enforcement Coordinator meeting/training on the Revised Enforcement Policy.	12/1/98	M. Satorius
8. Conduct video conferencing with Regional managers to outline the changes to the Enforcement Policy and provide agency expectations.	Week of 12/7/98	M. Satorius
9. Conduct training in the Regional offices, with a focus on agency expectations for the Revised Enforcement Policy. EDO/DEDE/DEDR provides senior management's expectations at the scheduled counterpart meetings attended by those individuals.	Late November- Early December 1998	M. Satorius

<b>PRIOR TO JANUARY 28, 1999</b>		
10. Implement revised Enforcement Policy.	30-days after the Policy is published in the Federal Register (assume 12/16/98)	M. Satorius
11. Evaluate inspection data to determine the extent of success that EGM 98-006 had in reducing burden to licensees. Provide this information to the Chairman for the Senate Hearing. (9800158) (OE)	12/16/98, and update until the time of the hearing	M. Satorius
12. Collect enforcement data following the implementation of the Revised Enforcement Policy, for later use in determining the success of the changes in accomplishing the objectives.	Begin 12/16/98, and continue	M. Satorius

<b>THROUGH JUNE 30, 1999</b>		
Milestone	Date	Lead
13. Solicit feedback from regional management, the inspection staff, and headquarters staff on the successes or failures of the Revised Enforcement Policy.	Spring 1999	M. Satorius
14. Conduct public meetings/workshops with stakeholders, one in the Washington area and one in an area around a Region, to solicit feedback on the successes and shortcomings of the Revised Enforcement Policy.	6/16/99	M. Satorius

<b>BEYOND JUNE 30, 1999</b>		
Milestone	Date	Lead

BEYOND JUNE 30, 1999		
15. Assemble the collective views of the staff and stakeholders to determine whether the Revised Enforcement Policy has accomplished the objectives, or whether further staff action is needed. Submit Commission paper. (9800159) (OE)	9/1/99	M. Satorius

5. Reflects SRM guidance.

## II. Reactor Inspection and Enforcement

SES Manager: James Lieberman, Director, Office of Enforcement

### C. Escalated Enforcement Program Initiatives - "Regulatory Significance"/Risk

Objective: Incorporate clearer risk-informed enforcement guidance in the treatment of escalated violations.

PRIOR TO JANUARY 28, 1999		
Milestone	Date	Lead
1. Conduct a public meeting with stakeholders to solicit input on the manner that risk should be incorporated into the Enforcement Policy	9/3/98 <sup>C</sup>	M. Satorius, OE
2. Submit a Commission Paper <del>incorporating the views of internal and external stakeholders that provides the Commission several options (and the staff's recommendation) on the manner to achieve the objectives by proposing an Enforcement Policy change. This paper and the proposed changes will also address the agency's response to industry's concerns in</del> <b>that addresses</b> the use of "regulatory significance." (9800069) (OE)	<del>10/16/98</del> 10/30/98	M. Satorius, OE

THROUGH JUNE 30, 1999		
Milestone	Date	Lead
3. Develop risk-informed examples for inclusion in the supplements of the Enforcement Policy.	3/15/99	M. Satorius, OE
4. Discuss examples with stakeholders and solicit feedback	3/29/99	M. Satorius, OE
5. Submit a Commission Paper utilizing the input from issue I.D.14 and the examples developed above to revise the Enforcement Policy. (9800155) (OE)	5/1/99	M. Satorius, OE

Comments:

2. Following Commission action on Milestone 2 the staff will proceed with the implementation actions discussed in Specific Issue II.B. **Due date change based on OE concentrating its efforts to develop the Commission paper on making changes to the enforcement policy to reduce unnecessary licensee burdens in the area of non-escalated enforcement action.**

3-5 Input will be provided by NRR and RES.

### **III. Topic Area: Reactor Licensee Performance Assessment**

SES Manager: M. Johnson, Acting Chief, PIPB/DISP/NRR

#### **A. Specific Issue: Performance Assessment Process Improvements (IRAP, Industry's Proposal, and Performance Indicators)**

Program Manager: David Gamberoni

Objective: The objective of this task is to develop and implement improvements to the NRC plant performance assessment process to make it more risk-informed, efficient, and effective while combining the best attributes of the IRAP effort, the regulatory oversight approach proposed by NEI, and the staff efforts designed to develop risk-informed performance indicators.

Coordination: Issues II.A. "Risk Informed Baseline Core Inspection Program," II.B. "Enforcement Program Initiatives," II.C. "Escalated Enforcement Program," III.A. "Performance Assessment Process Improvements," and VI.G "Event Reporting Rulemaking," require close coordination and the integration of specific tasks by the NRC staff. Responsible project managers are coordinating these activities by assessing the impact of proposed program changes with the other ongoing activities and ensuring that the overall objectives for each project are achieved. Examples include, intra-project task force participation, workshop attendance, concurrent review of projects and periodic senior management briefings. In addition, industry-developed initiatives such as the NEI New Regulatory Oversight Process are being reviewed by all project groups and evaluated for impact.

<b>PRIOR TO JANUARY 28, 1999</b>		
Milestone	Date	Lead
1. Transition to an annual senior management meeting	C	J. Isom, DISP
2. Review and discuss with NEI their proposed assessment process	8/98C	D. Gamberoni, DISP
3. Suspend SALP upon Commission approval	TBD 9/98 C	<del>D. Gamberoni</del> T. Boyce, DISP
4. Hold public workshop to obtain external stakeholder input	9/98 C	T.Frye, DISP D.Gamberoni, DISP
5. Research to provide risk insights on oversight framework (corner stones)	9/98 C	M. Cunningham, RES
6. End of public comment period for performance assessment process improvement	10/6/98	T. Frye, DISP

<b>PRIOR TO JANUARY 28, 1999</b>		
Milestone	Date	Lead
7. Brief ACRS to obtain their input	10/98 <b>C</b>	M. Johnson, DISP
8. Brief Commission on results of public comments	10/98	M. Johnson, DISP
9. AEOD awards contract for risk-based performance indicator development.	11/98	T. Wolf, AEOD
10. Research to provide recommendations on formulation of a risk-informed assessment and inspection concept.	12/98	M. Cunningham, RES
11. Hold regional and headquarters meetings to obtain internal stakeholder input	11/98	M. Johnson, DISP
<b>12. Brief ACRS to obtain their input</b>	<b>11/98</b>	<b>M. Johnson, DISP</b>
<b>123. Brief Commission TAs</b>	12/98	M. Johnson, DISP
<b>134. Provide results of review of public comments and recommendation for changes to the assessment process to the Commission. Submit Commission paper. (9700238) (NRR)</b>	1/99	M. Johnson, DISP
<b>145. Brief Commission on recommendations (9700238) (NRR)</b>	1/99	M. Johnson, DISP

<b>THROUGH JUNE 30, 1999</b>		
Milestone	Date	Lead
<b>156. Obtain Commission approval for implementation of recommended changes</b>	3/99	M. Johnson, DISP
<b>167. Obtain Industry approval to make public the data used in Industry's proposed Indicators for monitoring plant performance. Begin phase out of current Performance Indicator Program.</b>	6/99	T. Wolf, AEOD
<b>178. Complete development of implementation plan. Start phase-in of the revised assessment process.</b>	6/99	M. Johnson, DISP
<b>189. Begin trial application of risk-based performance indicators.</b>	6/99	T. Wolf, AEOD





BEYOND JUNE 30, 1999		
Milestone	Date	Lead
<del>19</del> <sup>20</sup> . Complete trial application, brief Commission, and publish candidate risk-based indicators for public comment. (9800160) (AEOD)	11/99	T. Wolf, AEOD
<del>20</del> <sup>1</sup> . Publish last Performance Indicator Report using current PIs	1/00	T. Wolf, AEOD
<del>21</del> <sup>2</sup> . Hold public workshop on candidate risk-based performance indicators.	2/00	T. Wolf, AEOD
<del>22</del> <sup>3</sup> . Complete phase-in of the revised assessment process	6/00	M. Johnson, DISP
<del>23</del> <sup>4</sup> . Brief commission on proposed risk-based performance indicators developed cooperatively by NRC and industry (9800161) (AEOD)	10/00	T. Wolf, AEOD
<del>24</del> <sup>5</sup> . Implement Commission approved risk-based performance indicators developed cooperatively by NRC and industry	1/01	T. Wolf, AEOD M. Johnson, DISP
<del>25</del> <sup>6</sup> . Complete evaluation of implementation and effectiveness of the revised assessment process	6/01	M. Johnson, DISP

## Comments:

~~4. The public workshop is scheduled for September 28 -- October 1, 1998.~~

Status: All milestones are on track, there are no schedule changes, and there are no expected delays.

12. Additional milestone was added to meet the objective.

Deferrals and Suspensions:

Upon Commission approval, the staff will suspend<sup>ed</sup> SALP in a structured manner. Plant performance will continue<sup>s</sup> to be addressed by plant performance reviews (PPRs). The resources to accommodate the accelerated efforts of the Tasking Memorandum pertaining to inspection, enforcement and performance assessment will be derived from a combination of those efforts planned previously in these areas, staff redirection over the next year, and the resources derived from suspension of the SALP process. The expectation is that by January, 1999 progress on the enhanced assessment process will be sufficient to determine whether the SALP process will be conducted in the future.

The Agency intends to use the proposed Industry performance indicators in the assessment of plant performance to the maximum extent possible. Their impact on the regulatory process will depend on their ability to provide information needed to assure that key safety "cornerstones"

are being met. A phased approach is envisioned wherein consensus on the “cornerstones” and the attributes of indicators will be reached. The proposed industry indicators will be used accordingly and the current NRC Performance Indicators will be phased out. In parallel, the agency will work with industry and other stakeholders to develop a more comprehensive set of risk-based performance indicators to more directly assess plant performance relative to the “cornerstones”. These risk-based indicators will be phased in as part of an evolutionary approach to increasing the risk-informed, performance based nature of regulation.

#### **IV. Topic Area: Reactor Licensing and Oversight**

SES Manager: Chris Grimes, Director, PDLR/DRPM/NRR

**A. Specific Issue: License Renewal** (includes Calvert Cliffs, Oconee and Generic Process Improvements)

Objective: Demonstrate that license renewal applications submitted under 10 CFR Parts 54 & 51 can be reviewed effectively, efficiently and promptly.

<b>PRIOR TO JANUARY 28, 1999</b>		
Milestone	Date	Lead
1. Maintain Calvert Cliffs and Oconee schedules	Ongoing	C. Grimes, DRPM
2. Conduct bi-monthly meetings with license renewal applicants	bimonthly	C. Grimes, DRPM
3. Issued Policy Statement "Conduct of Adjudicatory Proceedings" Issued 63 FR 41, 872 (8/5/98)	7/28/98C	OGC
4. Issued case specific order- Calvert Cliffs	8/19/98C	OGC
5. Steering Committee meeting with NEI Working Group	6/18/98C 8/20/98C	C. Grimes, DRPM
6. ACRS subcommittee meeting on renewal process	7/16/98C	C. Grimes, DRPM
7. Agree on generic issue inventory/priority with NEI	9/98C	C. Grimes, DRPM
8. Increased emphasis on renewal with EC and LRSC	Ongoing	C. Grimes, DRPM
9. Staff complete technical RAIs - Calvert Cliffs	9/7/98C	C. Grimes, DRPM
10. Staff complete environmental RAIs - Calvert Cliffs	<del>10/7/98</del> 9/28/98C	C. Grimes, DRPM
11. ACRS subcommittee briefing on renewal activities	11/18/98	C. Grimes, DRPM
<del>11</del> 12. Staff complete technical RAIs - Oconee	12/4/98	C. Grimes, DRPM
<del>12</del> 13. Staff complete environmental RAIs - Oconee	1/3/99	C. Grimes, DRPM

THROUGH JUNE 30, 1999		
Milestone	Date	Lead
<del>13</del> 14. Issue Draft Environmental Statement for comment - Calvert Cliffs	3/6/99	C. Grimes, DRPM
<del>14</del> 15. Complete Safety Evaluation Report (SER) and identify open items - Calvert Cliffs	3/21/99	C. Grimes, DRPM
16. ACRS subcommittee meeting on Calvert Cliffs SER and open items	4/99	C. Grimes, DRPM
17. ACRS full committee meeting on Calvert Cliffs SER and open items	5/99	C. Grimes, DRPM
<del>15</del> 18. Issue Draft Environmental Statement - Oconee	6/2/99	C. Grimes, DRPM
<del>16</del> 19. Complete SER and identify open items - Oconee	6/17/99	C. Grimes, DRPM

BEYOND JUNE 30, 1999		
Milestone	Date	Lead
20. ACRS subcommittee meeting on Oconee SER and open items	7/99	C. Grimes, DRPM
21. ACRS full committee meeting on Oconee SER and open items	9/99	C. Grimes, DRPM
<del>17</del> 22. Issue Supplemental SER and Final Environmental Statement - Calvert Cliffs	11/16/99	C. Grimes, DRPM
23. ACRS subcommittee meeting on Calvert Cliffs Supplemental SER	1/00	C. Grimes, DRPM
24. ACRS full committee meeting on Calvert Cliffs Supplemental SER	2/00	C. Grimes, DRPM
<del>18</del> 25. Issue Supplemental SER and Final Environmental Statement - Oconee	2/12/00	C. Grimes, DRPM
26. ACRS subcommittee meeting on Oconee Supplemental SER	3/00	C. Grimes, DRPM
27. ACRS full committee meeting on Oconee Supplemental SER	5/00	C. Grimes, DRPM
<del>19</del> 28. Complete staff review of initial applications within 30-36 months	Ongoing	C. Grimes, DRPM

BEYOND JUNE 30, 1999		
20 <del>20</del> 29. Hearing (if request granted)	Per Comm. Sched.	

## Comments:

1. Commission approves detailed license renewal schedules in terms of significant review milestones that will be included in the Operating Plan and monitored for Congressional reports.
- 6 & 7. Steering Committee meetings with industry and ACRS subcommittee meetings with staff will continue periodically to ensure effective resolution of technical and process issues. The Steering Committee will periodically report progress to the Executive Council in accordance with the memo to Chairman Jackson dated 3/6/98.
19. Next (third) application expected by late 1999.

#### **IV. Topic Area: Reactor Licensing and Oversight**

SES Manager: Jack Roe, Acting Director, DRPM/NRR

#### **B. Specific Issue: 50.59 Rulemaking**

Objective: To provide clarity and flexibility in existing requirements

<b>PRIOR TO JANUARY 28, 1999</b>		
Milestone	Date	Lead
1. Issue SECY 98-171 providing proposed revisions to 10CFR50.59 for Commission review and approval	7/10/98C	E. McKenna, DRPM
2. Issue COMSECY 98-013 forwarding staff response to issues raised in SRM on SECY 97-205 (3/24/98)	5/27/98 C	E. McKenna, DRPM
3. Conduct meeting with industry/public to solicit views on options for making 50.59 risk-informed	8/98C	M. Drouin, RES
4. Issue proposed rule changes on 10CFR50.59 for public comment	8/98 10/98	E. McKenna, DRPM
5. Trial application of actual 50.59 test cases to assess options	10/98	M. Drouin, RES
6. ACRS Subcommittee Meeting	10/98	M. Drouin, RES
7. End of public comment period	11/98 12/98	E. McKenna, DRPM
8. Draft Options paper to ACRS	11/15/98	M. Drouin, RES
9. ACRS Full Committee	12/98	M. Drouin, RES
10. Report to NRR on options and recommendations	12/15/98	M. Drouin, RES
11. Resolve issues identified during comment period	1/99	E. McKenna, DRPM

<b>THROUGH JUNE 30, 1999</b>		
Milestone	Date	Lead
12. ACRS and CRGR review of final rulemaking package	early 3/99 2/99	E. McKenna, DRPM
13. Issue paper containing final 10CFR50.59 rule to the Commission (9700191) (NRR) and provide recommendation on scope of 10 CFR 50.59 (9800044)(NRR)	3/992/99	E. McKenna, DRPM

THROUGH JUNE 30, 1999		
14. Publish final rule change 10CFR50.59	<del>6/99</del> -4/99	E. McKenna, DRPM

Comments:

3, 5,6,8-10. RES assessing options and recommending approach to make 50.59 risk-informed.

4. ~~Paper on proposed rule at the Commission awaiting approval~~ SRM issued 9/26/98.

NMSS/SFPO is working in conjunction with NRR to modify 10 CFR 72.48 which is comparable to 10 CFR 50.59 (Contact: W. Kane)

4 and 7,11-14. These milestones ~~changes~~ reflect ~~delays in previously established schedules to~~ reflect the deliberations occurring at the Commission on policy issues. ~~Any further delays in getting the rule published for comment will result in additional delays in publishing the final rule.~~

Deferrals:

The start of RES work on low power and shutdown risk will be deferred from 10/98 to 1/99.  
(9800039) (RES)

#### **IV. Topic Area: Reactor Licensing and Oversight**

SES Manager: Dave Matthews, Deputy Director, DRPM, NRR

#### **C. Specific Issue: FSAR Update Guidance**

Objective: To provide consistent guidance on information to be contained in FSAR

<b>PRIOR TO JANUARY 28, 1999</b>		
Milestone	Date	Lead
1. Submit SECY 98-087 to Commission which contains proposed guidance on information to be contained in FSAR	4/20/98C	T. Bergman, DRPM
2. SRM/SECY 98-087 directs staff to work with industry to resolve issues and endorse industry guidance	6/30/98C	T. Bergman, DRPM
3. Issue staff comments on NEI 98-03 dated 7/8/98	<del>8/28/98</del> 9/1/98C	T. Bergman, DRPM
4. Receive revised NEI 98-03	<del>early Oct. 1998</del> 9/30/98C	T. Bergman, DRPM
5. Resolve final staff comments	early Nov. 1998	T. Bergman, DRPM
6. ACRS and CRGR review of SECY and draft regulatory guide which endorses industry guidance	early Nov. 1998	T. Bergman, DRPM
7. Submit paper with draft regulatory guide to Commission (9700198) (NRR)	<del>12/24/98</del> 12/31/98	T. Bergman, DRPM
8. Publish draft regulatory guide endorsing NEI 98-03 for comment (60 days)	1/28/99	T. Bergman, DRPM

<b>THROUGH JUNE 30, 1999</b>		
Milestone	Date	Lead
9. Resolve issues identified during public comment period	5/30/99	T. Bergman, DRPM



THROUGH JUNE 30, 1999		
10. ACRS and CRGR review of SECY and final regulatory guide	early June 1999	T. Bergman, DRPM

BEYOND JUNE 30, 1999		
Milestone	Date	Lead
11. Submit paper and final regulatory guide to Commission (9700198) (NRR)	8/1/99	T. Bergman, DRPM

## Comments:

1. If closure can be reached with NEI, a regulatory guide will be the product; if not, a generic letter will be used.
- ~~2. Regarding Milestone No. 4, a meeting is planned for late August or early September.~~
7. Reflects SRM guidance.

#### **IV. Topic Area: Reactor Licensing and Oversight**

SES Manager: Dave Matthews, Deputy Director, DRPM/NRR

#### **D. Specific Issue: Define Design Basis**

Objective: To provide a clear definition of what constitutes design bases information.

<b>PRIOR TO JANUARY 28, 1999</b>		
Milestone	Date	Lead
1. NEI submits 97-04 for information	10/8/97C	
2. SRM/SECY 97-205 directs staff to continue to develop guidance regarding design bases issues	3/24/98C	S. Magruder, DRPM
3. Issue preliminary staff comments on NEI 97-04	8/18/98C	S. Magruder, DRPM
4. Meet with NEI to discuss staff comments on NEI 97-04	early Sept. 1998 9/18/98C	S. Magruder, DRPM
5. NEI submits revised NEI 97-04 for review and endorsement	early Dec. 1998	
6. Resolve final staff comments	late Jan. 1999	S. Magruder, DRPM

<b>THROUGH JUNE 30, 1999</b>		
Milestone	Date	Lead
7. ACRS and CRGR review of SECY and draft regulatory guide that endorses NEI 97-04	early Feb. 1999	S. Magruder, DRPM
8. Submit paper with draft regulatory guide to Commission (9800044) (NRR)	2/26/99	S. Magruder, DRPM
9. Publish draft regulatory guide for public comment (60 days)	3/19/99	S. Magruder, DRPM

BEYOND JUNE 30, 1999		
Milestone	Date	Lead
10. Resolve issues identified during public comment period	7/19/99	S. Magruder, DRPM
11. ACRS and CRGR review of paper and final regulatory guide	early Aug. 1999	S. Magruder, DRPM
12. Submit paper and final regulatory guide that endorses NEI 97-04 to Commission (9800044) (NRR)	10/1/99	S. Magruder, DRPM

## Comments:

5. a. Schedule depends on NEI ~~reaction of~~ **review of** staff comments and willingness to submit NEI 97-04 for staff endorsement.
- b. **NEI's initial reaction at 9/18/98 meeting was that NEI 97-04 should not be submitted for staff review and endorsement. However, NEI agreed to discuss this with their design basis working group and get back to the staff. Should NEI decide not to submit NEI 97-04 for review and endorsement, this topic area issue will need to be revised significantly.**

#### **IV. Topic Area: Reactor Licensing and Oversight**

SES Manager: Bruce Boger, Acting Associate Director for Projects, NRR

#### **E. Specific Issue: Improved Standard TS**

Lead: TSB Lead PM for each facility conversion

Objective: Conversion of facility technical specifications to the appropriate improved standard technical specifications will promote more consistent interpretation and application of technical specification requirements, thereby reducing the need for interpretations and frequent changes to the technical specifications. The goal for each milestone listed below is to complete the conversions currently under review such that the above objectives are met for the affected facilities.

<b>PRIOR TO JANUARY 28, 1999</b>		
Milestone	Date	Lead
1. Issue iSTS Amendments for McGuire 1&2 and Catawba 1&2	09/98 C	ADPR
2. Issue iSTS Amendments for Oconee 1/2/3*	10/98 12/98	ADPR
3. Issue iSTS Amendments for Byron 1&2* and Braidwood 1&2*	11/98 12/98	ADPR
4. Issue iSTS Amendments for Comanche Peak 1&2*, Wolf Creek*, Callaway*, and Diablo Canyon 1&2*	12/98	ADPR

<b>THROUGH JUNE 30, 1999*</b>		
Milestone	Date	Lead
5. Issue iSTS Amendments for Farley 1&2*	03/99 5/99	ADPR
6. Issue iSTS Amendment for Fermi 2*	04/99 5/99	ADPR

<b>BEYOND JUNE 30, 1999*</b>		
Milestone	Date	Lead
7. Issue iSTS Amendment for Palisades*	07/99	ADPR

**Comments**

2, 3, 5 and 6. The new due dates are a result of recent interactions with the affected licensee and are based upon licensee schedules to respond to issues and licensee desires for additional review time of the draft SER. The accelerated due dates previously provided did not permit sufficient time. The new dates do not adversely impact licensee implementation schedules.

\* Completion of the milestones as listed depends upon the quality of the licensee's submittals and timeliness of response to staff RAls.

**IV. Topic Area: Reactor Licensing and Oversight**

SES Manager: John Stolz, Acting Director, DRPM/NRR

**F. Specific Issue: Generic Communications**

Objective: Ensure the appropriate use of generic communications, increasing the efficiency of issuance, and utilizing the rulemaking process when appropriate.

<b>PRIOR TO JANUARY 28, 1999</b>		
Milestone	Date	Lead
1. Issue memorandum on immediate changes to generic letter process (ET review of strategy; graded approach)	8/7/98C	J. Stolz, DRPM
2. Meet with NEI for input on industry views on generic communications	8/27/98C	J. Stolz, DRPM
3. Complete self assessment and needed improvement to generic communications process. Issue report.	12/98	R. Dennig, DRPM

<b>THROUGH JUNE 30, 1999</b>		
Milestone	Date	Lead
**Process improvements based upon self-assessment results completed in 12/98		

<b>BEYOND JUNE 30, 1999</b>		
Milestone	Date	Lead
None		

Comments:

1. Generic communications discussed with INPO in telephone conference 7/31/98

#### **IV. Topic Area: Reactor Licensing and Oversight**

SES Manager: Bruce Boger, Acting Associate Director for Projects, NRR

#### **G. Specific Issue: CALs**

Objective: Confirmatory Action Letters (CALs) are issued to emphasize and confirm a licensee's or vendor's agreement to take certain actions in response to specific issues. The NRC expects licensees/vendors to adhere to any obligations and commitments addressed in a CAL and will issue appropriate orders to ensure that the obligations and commitments are met. The goal of the milestones listed below is to ensure that staff guidance on the use of CALs is appropriate and that the staff exercises appropriate discipline in the development and issuance of CALs.

<b>PRIOR TO JANUARY 28, 1999</b>		
<b>Milestone</b>	<b>Date</b>	<b>Lead</b>
1. Review existing CALs (all future CALs must be reviewed by Director, NRR)	9/30/98 <b>C</b>	ADPR
2. Reinforce expectations regarding use of current CALs to ADPR/Region management	9/24/98 <b>C</b>	D. Pickett, ADPR
3. Review/issue revised guidance documents for threshold for issuance of CALs (i.e., IMC 0350, procedures, etc.) to ensure the existence of clear criteria for consistent decision making.	11/98	D. Pickett, ADPR
4. Reinforce expectations regarding revised guidance on use of CALs to ADPR/Region management	11/98	D. Pickett, ADPR

#### **Comments**

Status: All milestones are on track, there are no schedule changes, and there are no expected delays.

**IV. Topic Area: Reactor Licensing and Oversight**

SES Manager: Jack Roe, Acting Director, DRPM/NRR

**H. Specific Issue: Applicability of Backfit Rule to Decommissioning Activities**

Objective: Resolve issue regarding proper interpretation and application of the Backfit Rule to decommissioning activities

<b>PRIOR TO JANUARY 28, 1999</b>		
Milestone	Date	Lead
1. Issue initial determination on Maine Yankee backfit claim	4/21/98C	J. Roe, DRPM
2. Maine Yankee appeals backfit determination and presents backfit position to staff	6/9/98C	S. Weiss, DRPM
3. Determination of Maine Yankee backfit appeal	<del>8/28/98</del> 10/30/98	J. Zwolinski, DRPE
4. Brief EDO on the status of Commission paper on backfit rule	<del>9/18/98</del> 9/29/98C	S. Weiss, DRPM
5. Forward draft Commission paper on backfit rule to EDO (9800162) (NRR)	10/23/98	S. Weiss, DRPM
6. Meeting with Maine Yankee regarding backfit issues	10/26/98	S. Weiss, DRPM
7. Issue Commission paper on backfit rule	11/30/98	S. Weiss, DRPM
8. Brief NEI on Commission decision	12/31/98	S. Weiss, DRPM

<b>THROUGH JUNE 30, 1999</b>		
Milestone	Date	Lead
None		

<b>BEYOND JUNE 30, 1999</b>		
Milestone	Date	Lead
None		



**Comments**

3. Reflects additional time necessary to complete staff review of the backfit appeal.

#### **IV. Topic Area: Reactor Licensing and Oversight**

SES Manager: Brian Sheron, Acting Associate Director for Technical Review, NRR

##### **I. Specific Issue: Requests for Additional Information**

Objective: To refine/define RAI process and ensure that staff RAI's are adding value to the regulatory process.

<b>PRIOR TO JANUARY 28, 1999</b>		
Milestone	Date	Lead
1. Discuss issue of ensuring appropriateness of RAI's with management and staff (including content, quality and continued oversight)	Complete	B. Sheron, ADT
2. Communicate with licensees via telecon prior to issuing RAI.	Ongoing	ADPR
3. Meet with internal stakeholders to discuss possible closure of amendments with outstanding RAIs and improved tracking of amendments with outstanding RAIs.	9/14/98C	B. Sheron, ADT
4. Form panel of staff reviewers to brainstorm on suggested improvements to the RAI process.	9/15/98C	B. Sheron, ADT
5. Stakeholder meeting with NEI on license amendment and RAI process to solicit feedback from licensees.	10/5/98C	B. Sheron, ADT/ ADPR
6. Discuss issues with each technical branch in NRR.	Ongoing	B. Sheron, ADT
7. Discuss issues with regional division directors at DRS/DRP counterpart meetings.	12/1/98 DRS	B. Sheron, ADT
8. Issue guidance to staff on content, quality and threshold of RAI's and commencement of initial acceptance review.	12/98	S. Peterson, ADT RES, NMSS
3-9. Monitor outgoing RAIs and responses	Ongoing	B. Sheron, ADT RES, NMSS
10. Solicit feedback from licensee's on RAIs	Periodic	ADPR/ B. Sheron, ADT

#### **Comments**

Status : All milestones on are track, there are no schedule changes and there are no expected delays.

2-7. Additional milestones were added to meet the objective.

#### **IV. Topic Area: Reactor Licensing and Oversight**

SES Manager: Bruce Boger, Acting Associate Director for Projects, NRR

#### **J. Specific Issue: 2.206 Petitions**

Objective: The objectives of the 2.206 Petition review process include ensuring the public health and safety through the prompt and thorough evaluation of any potential safety problem addressed by a petition filed under 10 CFR 2.206 and to ensure effective, timely communication with the petitioner (Management Directive 8.11). The objective of the actions listed below is to identify and implement measures to improve the timeliness of staff response to petitions.

<b>PRIOR TO JANUARY 28, 1999</b>		
Milestone	Date	Lead
1. Establish a Petition Review Board to ensure management involvement early in the process	10/97C	R. Subbaratnam, ADPR
2. Establish public availability of monthly 2.206 Petition Status Reports at the NRC Web site ( <a href="http://www.nrc.gov/NRC/PUBLIC/2206/index.html">http://www.nrc.gov/NRC/PUBLIC/2206/index.html</a> )	04/98C	R. Subbaratnam, ADPR
3. Assess timeliness of resolution of 2.206 petitions and brief EDO on the results and any proposed process improvements	10/30/98	R. Subbaratnam, ADPR
4. Implement proposed 2.206 process improvements (if any)	12/98	R. Subbaratnam, ADPR

<b>THROUGH JUNE 30, 1999</b>		
Milestone	Date	Lead
5. Show measured improvement in timeliness of resolution of 2.206 petitions	03/99	R. Subbaratnam, ADPR

#### **Comments**

Status: All milestones are on track, there are no schedule changes, and there are no expected delays.

#### **IV Topic Area: Reactor Licensing and Oversight**

SES Manager: John F. Stolz, Chief, PECB/DRPM/NRR

#### **K. Specific Issue: Application of the Backfit Rule**

Objective: Ensure that the staff closely adheres to the backfit rule, 10 CFR 50.109 in evaluating all additional requirements, expansion in scope or unique interpretations against actual impact on public health and safety. Focus will be directed on risk-informed, performance based regulation; also coordinating with backfit related concerns on Generic communications (IV.F) and Decommissioning (IV.H) and Evaluation of Industry Proposals and Rulemaking (I.A).

<b>PRIOR TO JANUARY 28, 1999</b>		
<b>Milestone</b>	<b>Date</b>	<b>Lead</b>
1. Response to NEI letter 8/11/98. NEI recommendation for Near-Term Reg. Improvement - Recommendation 4, "Application of the Backfit Rule" (a. Decommissioning; b. Averted On-site Costs)	10/98	R. Dennig, DRPM
2. Meeting with NEI on backfit concerns	11/98	R. Dennig, DRPM; AEOD
3. Prepare staff positions on backfit related issues a. Averted on-site Costs *b. Handling of compliance backfit considering risk of non-compliance (1) consider Exemptions per 10 CFR 50.12 (2) Early industry involvement in Generic Communications process (Topic IV. Issue F Milestone 3).	12/98  12/98	R. Dennig, DRPM  R. Dennig, DRPM
4. Meeting with EDO on Items 3 a, b	12/98	R. Dennig, DRPM
5. Meeting with NEI on Items a. Items 3a & b *b. Commission decision on backfit to Decommissioning Activities (Topics IV. Issue H Milestone 8)	12/98  12/98	R. Dennig, DRPM  S. Weiss, DRPM
6. Commission Papers *a. Options on Backfitting implications from modifying Part 50 to be risk-informed (Topic I. Issue A. Milestone 10) (9800152) (NRR) b. on items 3a. b (9800175) (NRR)	11/98  1/99	R. Barrett, DSSA M. Cunningham, RES  R. Dennig, DRPM

THROUGH JUNE 30, 1999		
Milestone	Date	Lead
7. CRGR Yearly Meeting with NUBARG on Backfit Issues.	Spring 99	CRGR

BEYOND JUNE 30, 1999		
Milestone	Date	Lead
8. CRGR Annual Report - Includes Industry Feed back on Effectiveness of Backfitting Process	Summer 99	CRGR
9. Backfit Training at Headquarters and Regions	FY99	AEOD/NRR/HR

Comments:

\* Reference milestone on other Topic/Specific Issues noted.

## **V. Topic Area: NRC Organizational Structure and Resources**

SES MANAGER: Paul E. Bird, Director, HR

### **A. Specific Issue: Reorganization - Restructuring Line Organizations**

Lead Manager: James F. McDermott, Deputy Director, HR

Objective: To improve organizational effectiveness and determine resources required to carry out NRC activities through internal functional realignments and human resource reallocations.

<b>PRIOR TO JANUARY 28, 1999</b>		
Milestone	Date	Lead
1. Offices initiate plans for proposed restructuring	8/19/98 <sup>C</sup>	J. McDermott
2. All Employees Meeting	9/3/98 <sup>C</sup>	J. McDermott
3. Restructuring proposals submitted to Commission (9800163) (HR)	9/30/98 <sup>C</sup> 10/1/98 <sup>C</sup>	J. McDermott
4. Completion of Commission review of restructuring proposal	10/28/98	J. McDermott
5. Partnering process completed for reorganization packages	11/28/98	J. McDermott
6. Reorganization plans finalized	12/31/98	J. McDermott
7. Implementation begins	1/19/99	J. McDermott

<b>THROUGH JUNE 30, 1999</b>		
Milestone	Date	Lead
8. Implementation completed	3/31/99	J. McDermott

3. Memo to Chairman Jackson 9/20/98 and SECY 98-228 dated 10/1/98.

## **V. Topic Area: NRC Organizational Structure and Resources**

SES MANAGER: Paul E. Bird, Director, HR

### **B. Specific Issue: Achieving 1:8 supervisor/manager-to-employee ratios**

Lead Manager: James F. McDermott, Deputy Director, HR

Objective: To reduce supervisory and SES positions to achieve an agency-wide supervisor/manager-to-employee ratio target of one supervisor/manager for every eight NRC employees.

<b>PRIOR TO JANUARY 28, 1999</b>		
Milestone	Date	Lead
1. Continue existing supervisor/manager-to-employee ratio reduction efforts	Ongoing	J. McDermott
2. All Employees Meeting	9/3/98 <sup>C</sup>	J. McDermott
3. Quarterly assessment of supervisor/manager-to-employee ratio	10/98	J. McDermott
4. Develop targeted strategies to achieve supervisory ratio goals	10/98	J. McDermott
5. Year end assessment of supervisor/manager-to-employee ratio incorporating the results of attrition, including the effect of early outs or buy outs (should buyouts be authorized by Congress)	1/99	J. McDermott

<b>THROUGH JUNE 30, 1999</b>		
Milestone	Date	Lead
6. Complete implementation of reorganizations developed to achieve streamlining goals	3/31/99	J. McDermott
7. Implement strategies to achieve supervisory ratio targets	3/31/99	J. McDermott
8. Quarterly assessment of supervisor/manager-to-employee ratio	4/99	J. McDermott
9. Implement strategies to achieve supervisory ratio targets	5/31/99	J. McDermott



<b>BEYOND JUNE 30, 1999</b>		
Milestones	Date	Lead
10. Quarterly assessment of supervisor/manager-to-employee ratio	7/99	J. McDermott
11. Implement strategies to achieve supervisory ratio targets	7/15/99	J. McDermott

Comments:

The milestones in the table above focus only on those aspects of the streamlining effort that address the supervisor/manager-to-employee ratio. Activity extends beyond the March 31, 1999, deadline established for the structural changes contained in issue 1 since the human resources side of the effort are the most complex and difficult aspects of the overall reorganization to implement.

## **V. Topic Area: NRC Organizational Structure and Resources**

SES MANAGER: Paul E. Bird, Director, HR

### **C. Specific Issue: Increased staff responsibilities**

Lead Manager: Individual Office and Regional managers

Objective: To enhance organizational effectiveness under the specific conditions imposed by the agency-wide streamlining effort, including functional realignments, reductions in supervisory/managerial personnel, and increased spans of management control by delegating greater responsibility and accountability to individual employees and fostering greater interactive communications between employees and management. Issue 3 builds on existing efforts to increase staff responsibilities using these same techniques.

<b>PRIOR TO JANUARY 28, 1999</b>		
<b>MILESTONE</b>	<b>DATE</b>	<b>Lead</b>
1. Continue previous general efforts to foster delegations of responsibility and accountability to employees and more interactive communications between employees and managers. Monitor office progress	Ongoing	J. McDermott
2. All employees meeting	9/3/98 <sup>C</sup>	J. McDermott
3. Provide guidance to managers on the need to consider greater use of delegations of responsibility and accountability to employees.	9/30/98 10/9/98	J. McDermott
4. Begin implementing delegations of responsibility and accountability as techniques to enhance agency effectiveness on an office-by office basis	1/19/99	J. McDermott

<b>THROUGH JUNE 30, 1999</b>		
<b>Milestone</b>	<b>Date</b>	<b>Lead</b>
5. Continue implementation of delegations of responsibility and accountability as individual office reorganizations are completed and implemented	3/31/99	J. McDermott

Comments:

The milestones for this issue establish a logical time period for beginning the local office process of employee delegations/empowerment planning and a logical point at which the local office environment should be transformed to a new culture.

3. In OEDO as of 10/6/98.

## **VI. Topic Area: Other Agency Programs and Areas of Focus**

SLS: Robert Wood, DRPM/NRR

SES Manager: Joe Gray, OGC

### **A. Specific Issue: License Transfers**

Objective: To ensure that license transfers are conducted in a timely and technically correct manner and that review and submittal guidance is appropriately disseminated.

<b>PRIOR TO JANUARY 28, 1999</b>		
Milestone	Date	Lead
1. Issued proposed 10CFR Part 2 Subpart M hearing process - paper to Commission (SECY 98-197)	8/14/98C	J. Gray, OGC
2. Publish proposed rule on license transfer (see SECY-98-197)	<del>8/28/98</del> 9/11/98C	J. Fitzgerald, OGC
3. Submit final rules to Commission	11/3/98	J. Fitzgerald, OGC
4. Commission approves/affirms final rules	11/17/98	J. Fitzgerald, OGC
5. Publish final rules in <u>Federal Register</u> .	12/24/98	J. Fitzgerald, OGC
6. Final rules are effective.	12/24/98	J. Fitzgerald, OGC
7. Complete technical review of TMI-1 transfer	See comment	R. Wood, DRPM

<b>THROUGH JUNE 30, 1999</b>		
Milestone	Date	Lead
8. Provide Commission with proposed final criteria for triggering a review under 10CFR50.80 regarding the transfer of operating authority to non-owner operators (i.e., use of contract service operating companies). (9800015) (NRR)	<del>6/18/99</del> 6/25/99	R. Wood, DRPM
9. Issue lessons learned from Amergen TMI-1 transfer	6/99	R. Wood, DRPM

<b>BEYOND JUNE 30, 1999</b>		
Milestone	Date	Lead

<b>BEYOND JUNE 30, 1999</b>		
10. Issue process improvement re: foreign ownership	12/99	S. Hom,OGC R. Wood, DRPM
11. Develop SRP on technical qualifications	12/99	DRCH
12. Develop SRP on license transfer process	TBD	S. Hom, OGC R. Wood,DRPM

Comments: 5. Reflects SRM guidance.

Status: All milestones are on track, there are no schedule changes, and there are no expected delays.

4. Submittal + 3 months

**VI. Topic Area: Other Agency Programs and Areas of Focus**

SES Manager: **Chris Grimes**, Director, PDLR/DRPM/NRR

**B. Specific Issue: AP-600 Design Certification Rulemaking**

Objective: Issue FDA and design certification rule

PRIOR TO JANUARY 28, 1999		
Milestone	Date	Lead
1. Issue FDA	9/3/98C	T. Quay, DRPM

THROUGH JUNE 30, 1999		
Milestone	Date	Lead
Issue proposed rule [PRM]	3/99	J.N. Wilson, DRPM

BEYOND JUNE 30, 1999		
Milestone	Date	Lead
Issue Final Rule [FRN]	10/99	J.N. Wilson, DRPM

Comments:

Issues: Public availability of design documentation

- Approach:
1. Review Design Control Document (DCD)
  2. Work with Westinghouse and the Office of the Federal Register to provide suitable public access to the DCD
  3. Issue proposed design certification rule for public comment
  4. Conduct public hearing, if requested
  5. Evaluate and respond to public comments
  6. Issue Final design certification rule

## **VI. Topic Area: Other Agency Programs and Areas of Focus**

SES Manager: William F. Kane, Director, Spent Fuel Project Office

### **C1. Specific Issue: TN-68 (Dual Purpose) Cask Review**

C      Ongoing technical review      Mary Jane Ross-Lee

Objective: To issue a Part 72 (storage) SER and certificate of compliance (through rulemaking) and a Part 71 (transportation) certificate of compliance for the TN-68 dual purpose cask system (Comment 1)

<b>PRIOR TO JANUARY 28, 1999</b>		
Milestone	Date	Lead
1. Staff receives response to storage RAI	<del>09/98</del> 09/14/98C	M. Ross-Lee, SFPO
2. Staff issues second storage RAI, if necessary	12/98	M. Ross-Lee, SFPO
3. Staff receives response to second storage RAI	01/99	M. Ross-Lee, SFPO

<b>THROUGH JUNE 30, 1999</b>		
Milestone	Date	Lead
4. Staff issues user need memorandum/rulemaking	03/99	E. Easton, SFPO
5. Staff issues draft SER and CoC for rulemaking	05/99	M. Ross-Lee, SFPO

<b>BEYOND JUNE 30, 1999</b>		
Milestone	Date	Lead
6. Staff completes rulemaking; issues CoC for use under Part 72	04/00	E. Easton, SFPO/ P. Holahan, IMNS

Comment:

1. The storage review is being completed prior to the transportation review; the transportation review schedule will be determined at a subsequent time. The review schedule is based upon the assumption that the applicant will supplement its application and response to staff requests for additional information on the schedule noted. At this time, no significant issues have been identified. The licensee for Peach Bottom 1 & 2 intends to utilize this cask system.

## **VI. Topic Area: Other Agency Programs and Areas of Focus**

SES Manager: William F. Kane, Director, Spent Fuel Project Office

### **C2. Specific Issue: BNFL/SNC TranStor (Dual Purpose) Cask Review**

C      Ongoing technical review      T. Kobetz

Objective: To issue a Part 72 (storage) SER and certificate of compliance (through rulemaking) and a Part 71 (transportation) certificate of compliance for the BNFL/SNC dual purpose cask system (Comment 1)

<b>PRIOR TO JANUARY 28, 1999</b>		
Milestone	Date	Lead
None		

<b>THROUGH JUNE 30, 1999</b>		
Milestone	Date	Lead
1. Staff issues user need memorandum/rulemaking	<del>11/98</del> 03/99	E. Easton, SFPO
2. Staff receives updated SAR from applicant	<del>02/99</del> 06/99	T. Kobetz, SFPO
3. Staff issues draft SER and CoC for rulemaking	<del>03/99</del> 07/29/99	T. Kobetz, SFPO

<b>BEYOND JUNE 30, 1999</b>		
Milestone	Date	Lead
4. Staff completes rulemaking; issues CoC for use under Part 72	<del>02/00</del> 06/00	E. Easton, SFPO/ P. Holahan, IMNS

Comment:

1. The storage review is being completed prior to the transportation review; the transportation review schedule will be determined at a subsequent time. At this time, no significant issues have been identified, but the applicant must update the safety analysis report by ~~February~~ **June** 1999. This review is associated with the Part 72 Trojan ISFSI (site-specific) license application, PFS, LLC intends to utilize this cask system as well.

By letter dated 09/18/98, the applicant notified the NRC that its response to the staff's 12/29/97 request for additional information will be delayed a month due to the need to support closure of issues associated with the VSC-24 cask system, to support the Trojan ISFSI application, to support existing cask users, and to ensure a complete and quality RAI response. The applicant indicated that



its response will be issued by 10/30/98. The staff is currently evaluating the impact of the applicant's delay on the previously issued schedule.

1, 2, 3, & 4. Based on SFPO's current work schedule and in accordance with its staff interactions with applicant's approach, the TranStor storage cask technical review has been rescheduled for completion on July 29, 1999. A letter advising the applicant of the revised schedule was issued on October 2, 1998.

#### **VI. Topic Area: Other Agency Programs and Areas of Focus**

SES Manager: William F. Kane, Director, Spent Fuel Project Office

#### **C3. Specific Issue: Holtec HISTAR 100 (Dual-Purpose) Cask Review**

C      Technical review ongoing      M. Delligatti

Objective: To issue a Part 72 (storage) SER and certificate of compliance (through rulemaking) and a Part 71 (transportation) certificate of compliance for the Holtec HISTAR 100 dual purpose cask system (Comment 1)

<b>PRIOR TO JANUARY 28, 1999</b>		
Milestone	Date	Lead
1. Staff issues user need memorandum/rulemaking	07/24/98 <sup>C</sup>	E. Easton, SFPO
2. Staff issues draft storage SER and CoC for rulemaking (Part 72)	09/30/98 <sup>C</sup>	M. Delligatti, SFPO

<b>THROUGH JUNE 30, 1999</b>		
Milestone	Date	Lead
3. Staff issues transportation (Part 71) CoC	03/99	M. Delligatti, SFPO

<b>BEYOND JUNE 30, 1999</b>		
Milestone	Date	Lead
4. Staff completes rulemaking; issues CoC for use under Part 72	08/99	E. Easton, SFPO/ P. Holahan, IMNS

Comment:

1. While the final review phase is ongoing and nearing completion, it is still unclear regarding the scope of the staff's approval on the storage component of the design. This review is being performed to support spent fuel storage requirements at Dresden 1 and Hatch 1 & 2, and PFS, LLC intends to utilize this cask system.

2. The draft storage SER and CoC were issued on 09/30/98. The package was sent to NMSS/INMS to commence the rulemaking process on 09/30/98.

**VI. Topic Area: Other Agency Programs and Areas of Focus**

SES Manager: William F. Kane, Director, Spent Fuel Project Office

**C4. Specific Issue: Westinghouse WESFLEX (Dual Purpose) Cask Review**

C      Ongoing technical review                      M. Bailey

Objective: To issue a Part 72 (storage) SER and certificate of compliance (through rulemaking) and a Part 71 (transportation) certificate of compliance for the Westinghouse WESFLEX dual purpose cask system (Comment 1)

PRIOR TO JANUARY 28, 1999		
Milestone	Date	Lead
1. Staff issues RAI for base storage system and W21 canister	10/98	M. Bailey, SFPO
2. Staff issues RAI for W44 canister	11/98	M. Bailey, SFPO
3. Staff issues RAI for W74 canister	12/98	M. Bailey, SFPO

THROUGH JUNE 30, 1999		
Milestone	Date	Lead
4. Staff receives responses to RAIs	03/99	M. Bailey, SFPO

BEYOND JUNE 30, 1999		
Milestone	Date	Lead
5. Staff issues final RAI, if necessary	07/99	M. Bailey, SFPO
6. Staff receives response to RAI, if necessary	10/99	M. Bailey, SFPO
7. Staff issues user need memorandum/rulemaking	12/99	E. Easton, SFPO
8. Staff issues draft SER and CoC for rulemaking	01/00	M. Bailey, SFPO
9. Staff complete rulemaking; issues CoC for use under Part 72	12/00	E. Easton, SFPO/ P. Holahan, IMNS

Comment:

1. The storage review is being completed prior to the transportation review. The transportation application was resubmitted in May 1998, and the transportation review schedule will be determined

at a subsequent time. The storage review has just commenced, and at this time, no significant issues have been identified. Big Rock Point and Palisades intend to utilize this cask system.

## **VI. Topic Area: Other Agency Programs and Areas of Focus**

SES Manager: William F. Kane, Director, Spent Fuel Project Office

### **C5. Specific Issue: NAC-STC/MPC (Dual Purpose) Cask Review**

C      Ongoing technical review      T. McGinty

Objective: To issue a Part 72 (storage) SER and certificate of compliance (through rulemaking) and a Part 71 (transportation) certificate of compliance for the NAC-STC/MPC dual purpose cask system (Comment 1)

<b>PRIOR TO JANUARY 28, 1999</b>		
Milestone	Date	Lead
1. Staff receives response on transport RAI	08/07/98 <sup>C</sup>	T. McGinty, SFPO
2. Staff receives response on storage RAI	10/98	T. McGinty, SFPO
3. Staff issues user need memorandum/rulemaking	12/98	E. Easton, SFPO

<b>THROUGH JUNE 30, 1999</b>		
Milestone	Date	Lead
4. Staff issues Part 71 (transportation) CoC	<del>04/99</del> 03/99	T. McGinty, SFPO
5. Staff issues draft storage SER and CoC for rulemaking	<del>04/99</del> 03/99	T. McGinty, SFPO

<b>BEYOND JUNE 30, 1999</b>		
Milestone	Date	Lead
6. Staff complete rulemaking; issue CoC for use under Part 72	<del>03/00</del> 02/00	E. Easton, SFPO/ P. Holahan, IMNS

Comment:

1. The storage and transportation review are being conducted concurrently. At this time, no significant issues have been identified, but the applicant must respond by the time-frame noted in order for the staff to maintain this schedule. The licensee for Yankee/Rowe intends to utilize this cask system.

4, 5, & 6. The dates were modified to be consistent with the schedule provided to the applicant.

## **VI. Topic Area: Other Agency Programs and Areas of Focus**

SES Manager: William F. Kane, Director, Spent Fuel Project Office

### **C6. Specific Issue: NAC-UMS (Dual Purpose) Cask Review**

C      Ongoing technical review      T. McGinty

Objective: To issue a Part 72 (storage) SER and certificate of compliance (through rulemaking) and a Part 71 (transportation) certificate of compliance for the NAC-UMS dual purpose cask system (Comment 1)

<b>PRIOR TO JANUARY 28, 1999</b>		
Milestone	Date	
1. Staff issues storage RAI	11/98	T. McGinty, SFPO
2. Staff receives RAI response	01/99	T. McGinty, SFPO

<b>THROUGH JUNE 30, 1999</b>		
Milestone	Date	
3. Staff issues second storage RAI, if necessary	06/99	T. McGinty, SFPO

<b>BEYOND JUNE 30, 1999</b>		
Milestone	Date	
4. Staff receives second storage RAI response	08/99	T. McGinty, SFPO
5. Staff issues user need memorandum/rulemaking	08/99	E. Easton, SFPO
6. Staff issues draft storage SER and CoC for rulemaking	11/99	T. McGinty, SFPO
7. Staff completes rulemaking; issues CoC for use under Part 72	10/00	E. Easton, SFPO/ P. Holohan, IMNS

Comment:

1. The storage review is being completed prior to the transportation review; the transportation review schedule will be determined at a subsequent time. At this time, no significant issues have been identified, but applicant must respond by the time-frame noted in order for the staff to maintain this schedule. The licensees for Fitzpatrick and Palo Verde 1, 2 & 3 intend to utilize this cask system.

## **VI. Topic Area: Other Agency Programs and Areas of Focus**

SES Manager: William F. Kane, Director, Spent Fuel Project Office

### **C7. Specific Issue: TN-West MP-187 (Dual-Purpose) Cask Review**

C Issue Part 71 certificate of compliance M. Raddatz

Objective: To issue Part 71 (transportation) certificate of compliance for MP-187 transportation cask system

<b>PRIOR TO JANUARY 28, 1999</b>		
Milestone	Date	Lead
1. Staff starts final review and SER compilation phase	08/03/98C	M. Radditz, SFPO
2. Staff issues Part 71 certificate of compliance (Comment 1)	09/10/98C	M. Radditz, SFPO

<b>THROUGH JUNE 30, 1999</b>		
Milestone	Date	Lead
None		

<b>BEYOND JUNE 30, 1999</b>		
Milestone	Date	Lead
None		

Comment:

1. This transportation system is the transport component of the TN-West NUHOMS storage design. As initially certified, its authorized contents will be limited to B&W fuel, although it may be amended at a later date to address other fuel types. This action supports the decommissioning of the Rancho Seco spent fuel pool.

## **VI. Topic Area: Other Agency Programs and Area of Focus**

SES Manager: Seymour Weiss, Director, PDND/DRPM/NRR

### **D. Specific Issue: Decommissioning Decisions**

Objective: Provide timely decisions on current issues and provide framework for decommissioning activities.

<b>PRIOR TO JANUARY 28, 1999</b>		
Milestone	Date	Lead
1. Provide response to SRM for SECY-98-075 (DSI-24) (9700089) (NRR)	10/09/98	M. Masnik, DRPM
1a. Form task team to develop and provide input for Commission paper	7/24/98C	T. Markley, DRPM
1b. Evaluate applicability of using templates for decommissioning licensing actions	8/21/98C	P. Harris, DRPM
1c. Develop integrated set of milestones for addressing decommissioning initiatives under development or contemplated	8/21/98C	R. Dudley, DRPM
1d. Complete draft Commission paper for concurrence	9/2/98C	T. Markley, DRPM
1e. Submit paper to Commission (9700089) (NRR)	<del>10/09/98</del> 10/23/98	T. Markley, DRPM
2. Meeting with NEI and industry to present Commission integrated milestones for decommissioning initiatives necessary for above rules and existing rules	1/15/99	S. Weiss, DRPM
3. Complete the following pending licensing actions.		
3a. Maine Yankee Exemptions from Financial Protection Requirements of 10 CFR 50.54(w) and 10 CFR 140.11 Technical Specification change to spent fuel pool water level	12/15/98 11/15/98	M. Webb, DRPM
3b. Haddam Neck Exemptions from Financial Protection Requirements of 10 CFR 50.54(w) and 10 CFR 140.11 Technical Specification change to seismic monitoring	11/30/98 12/31/98	T. Fredericks, DRPM

3c. Big Rock Point Defueled Technical Specifications revision Defueled Emergency Plan exemption Defueled Emergency Plan approval Defueled QA Plan	11/30/98 10/15/98 10/15/98 11/30/98	P. Harris, DRPM
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THROUGH JUNE 30, 1999		
Milestone	Date	Lead
1. Complete the following pending licensing actions.		
1a. Maine Yankee Exemption from 10 CFR 70.24 Criticality Accident Monitoring Requirements	4/15/99	M. Webb, DRPM
1b. Zion Exemption from 10 CFR 70.24 Criticality Accident Monitoring requirements	4/16/99	T. Markley, DRPM

BEYOND JUNE 30, 1999		
Milestone	Date	Lead
1. Complete the following pending licensing actions.		
1a. Maine Yankee Modification of License Conditions Technical Specifications change to liquid and gaseous release limits	7/30/99 8/15/99	M. Webb, DRPM
1b. Haddam Neck Technical Specification change to refueling and admin requirements	9/30/99	T. Fredericks, DRPM

Comments:

1. Schedules are based on meeting established Commission due dates for DSI-24 SRM response.
- 1e. Extension due to workload demands.



## **VI. Topic Area: Other Agency Programs and Areas of Focus**

SES Manager: Susan F. Shankman, Dep. Director, Licensing and Inspection Directorate, SFPO

### **E. Specific Issue: PGE-Trojan Reactor Vessel Shipment Application**

C	Part 71 exemption (SER and EA)	J. Cook
C	Waste classification, if necessary	J. Hickey

Objective: To issue Part 71 (transportation) approval to ship the Trojan reactor vessel, with internals, for disposal in the State of Washington

<b>PRIOR TO JANUARY 28, 1999</b>		
Milestone	Date	Lead
1. Staff prepares SER for Part 71 approval	<del>09/98</del> 09/30/98C	J. Cook, SFPO
2. Staff prepares EA	<del>09/98</del> 09/30/98C	J. Cook, SFPO
3. Staff waste classification, if necessary (separate SECY memorandum) (NMSS)	08/17/98C	J. Hickey, DWM
4. Staff prepares negative consent SECY paper on transportation and FONSI (9800022) (NMSS)	<del>10/98</del> 10/2/98C	J. Cook, SFPO
5. Commission issues SRM, if appropriate, on Part 71 exemption (Comment 1)	10/98	OCM
6. Staff issues Part 71 decision	11/98	S. Shankman, SFPO

<b>THROUGH JUNE 30, 1999</b>		
Milestone	Date	Lead
None		

<b>BEYOND JUNE 30, 1999</b>		
Milestone	Date	Lead
7. Inspection follow-up prior to and during shipment (Comment 2)	08/99	B. Spitzberg, RIV

Comments:

1. In parallel to staff action: (1) the State of Washington must prepare a technical evaluation for disposal, tentatively scheduled for September 1998; (2) the Department of Transportation must grant an exemption, tentatively scheduled for November 1998; and (3) the State of Oregon must approve this as a change to the utility's Decommissioning Plan, tentatively scheduled for November 1998.

2. PGE's decision to grout the reactor vessel is scheduled to occur in November 1998. The actual grouting would commence in December 1998, and vessel shipment would occur in August 1999. Staff actions at these points would be to inspect as appropriate.

The State of Washington has prepared its technical evaluation report on the waste classification. The State of Washington will not issue a final technical evaluation report until after the closure of its public comment period.

4. Paper to Comm. 10/2/98.

## **VI. Topic Area: Other Agency Programs and Areas of Focus**

SES Manager: John Stolz, Chief, PECB/DRPM/NRR

### **F. Specific Issue: Event Reporting Rulemaking**

Objective: Revise event reporting requirements to reduce the reporting burden associated with events of little or no risk significance, obtain information better related to risk, and extend reporting time limits consistent with the need for prompt NRC action.

Coordination: Issues II.A. "Risk Informed Baseline Core Inspection Program," II.B. "Enforcement Program Initiatives," II.C. "Escalated Enforcement Program," III.A. "Performance Assessment Process Improvements," and VI.G "Event Reporting Rulemaking," require close coordination and the integration of specific tasks by the NRC staff. Responsible project managers are coordinating these activities by assessing the impact of proposed program changes with the other ongoing activities and ensuring that the overall objectives for each project are achieved. Examples include, intra-project task force participation, workshop attendance, concurrent review of projects and periodic senior management briefings. In addition, industry-developed initiatives such as the NEI New Regulatory Oversight Process are being reviewed by all project groups and evaluated for impact.

<b>PRIOR TO JANUARY 28, 1999</b>		
Milestone	Date	Lead
1. Issue ANPR	7/28/98C	D. Allison, AEOD
2. Conduct public meeting to discuss ANPR	8/21/98C	D. Allison, AEOD
3. Public workshop/stakeholder meeting (Chicago)	9/1/98C	T. Essig, DRPM

<b>THROUGH JUNE 30, 1999</b>		
Milestone	Date	Lead
4. Conduct a public meeting ("tabletop exercise")	11/13/98	D. Allison, AEOD
5. CRGR Briefing	2/26/99	D. Allison, AEOD
6. ACRS Briefing	3/5/99	D. Allison, AEOD
7. Proposed rule to the Commission (9800096) (AEOD)	3/26/99	D. Allison, AEOD
48. Publish proposed rule (10CFR50.72 and 50.73)	4/2/99 5/14/98	DRPM
9. Conduct a public workshop	5/28/99	D. Allison, AEOD

<b>BEYOND JUNE 30, 1999</b>		
Milestone	Date	Lead

BEYOND JUNE 30, 1999		
10. Brief CRGR	11/26/99	D. Allison, AEOD
11. Brief ACRS	12/10/99	D. Allison, AEOD
12. Final Rule to Commission (9800096) (AEOD)	12/24/99	D. Allison, AEOD
513. Publish Final rule	<del>4/00</del> 2/00	DRPM

### Comments

4. In response to public comments on the advance notice of proposed rulemaking (ANPR), an additional public meeting ("tabletop exercise") has been scheduled. The purpose is to test key aspects of the contemplated amendments to 10 CFR 50.72 and 50.73 for clarity and consistency, early in the process of drafting them, by discussing how reportability decisions could be made for example events. This will provide insights to be used in completing the draft requirements and guidance. It will extend the overall rulemaking schedule by 5 weeks.

9. In response to public comments on the ANPR, a public meeting ("workshop") has been added, early in the comment period for the proposed rule. It does not change the overall schedule.

5, 6, 10, and 11. These are not associated with any developments. They are added merely to provide additional detail.

## VI. Topic Area: Other Agency Programs and Areas of Focus

SES Manager: Jack Roe, Acting Director, DRPM/NRR

### G. Specific Issue: Proposed KI Rulemaking

Objective: To Implement Commission decision regarding the use of KI as a protective measure for the general public after a severe reactor accident. In addition, to work with other Federal agencies to revise the Federal policy on the use of KI in the event of a severe nuclear power plant emergency and to develop aids to assist the states in applying the revised Federal policy.

PRIOR TO JANUARY 28, 1999		
Milestone	Date	Lead
1. Commission direction received	6/26/98 C	A. Mohseni
2. Draft and send to Commission Federal Register notice on Federal KI policy	7/98 C	A. Mohseni
3. Revise KI technical paper (NUREG 1633) to address public comments and provide to Commission (9700193) (AEOD)	<del>10/98</del> 9/99	A. Mohseni
4. Revise KI Federal Policy FRN and provide to FRPCC for review	11/98	A. Mohseni
5. Proposed rulemaking package to EDO (9800173) (NRR)	10/22/98	M. Jamgochian, NRR
5a. Publish Proposed Rule (9800173) (NRR)	11/30/98	M. Jamgochian, NRR
6. Publish final technical paper (NUREG-1633)	<del>12/98</del> 10/99	A. Mohseni
7. Develop description of available Federal KI stockpiles and availability to states	1/99	A. Mohseni
8. Develop final KI Federal policy FRN reflecting FRPCC review and send to Commission (9700193) (AEOD)	1/99	A. Mohseni
9. Draft a public brochure on use of KI and provide for Federal agency and public comment	1/99	A. Mohseni
THROUGH JUNE 30, 1999		
10. Final review of KI Federal policy FRN by FRPCC	4/99	A. Mohseni
11. Establish procedures to access Federal stockpiles with FEMA	5/99	A. Mohseni

12. Publish KI Federal Policy FRN	6/99	A. Mohseni
13. Final brochure on use of KI provided to Commission for review (9700193) (AEOD)	6/99	A. Mohseni
14. Publish Final Rule change (9800173) (NRR)	TBD	M. Jamgochian, NRR
BEYOND JUNE 30, 1999		
15. Finalize the public brochure on use of KI and provide to FEMA for publication	8/99	A. Mohseni

## Comments:

1. Complete (June 26, 98 SRM)
2. SRM dated 9/30/98 provided Commission approved draft FRN. Draft FRN sent to FEMA for distribution to FRPCC members (10/1/98)
3. Based on 9/30/98 SRM new direction. Comments received. Comment period ended 9/15/98. Some comments continue to arrive. 9/30/98 SRM directed the staff to withdraw draft NUREG and substantially revise and reissue.<sup>1</sup> Staff requested removal of draft NUREG from NRC WEB site. Staff prepared FRN of withdrawal.
4. FRN was revised by Commission 9/30/98, and sent to FEMA on 10/1/98 for FRPCC review. Requested an FRPCC meeting on this matter.
5. Obtaining office concurrence.
6. Based on 9/30/98 SRM new direction.

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<sup>1</sup>The staff intends to form a review group comprising representatives from such organizations as FDA, FEMA, EPA, CRCPD, other states and NEI to review comments and develop the next version of NUREG-1633

## **VI. Topic Area: Other Agency Programs and Areas of Focus**

SES Manager: Brian Sheron, Acting Associate Director for Technical Review, NRR

### **H. Specific Issue: NEI Petitions - Petition for modifying 50.54(a)**

Objective: Complete the NEI Petition, accepting in part to modify 10 CFR Part 50.54(a), as it pertains to Quality Assurance Program Change Control and is intended to reduce burdens on industry.

<b>PRIOR TO JANUARY 28, 1999</b>		
Milestone	Date	Lead
1. Submit to the Commission a memorandum stating the staff's proposal to accept the NEI Petition in part to modify 50.54(a) and propose a Direct Final Rule. (9800166) (NRR)	10/98	R. Gramm, DRCH
2. Meet with stakeholders to discuss contents of proposed Direct Final Rule.	10/98	R. Gramm, DRCH
13. Submit to the Commission a SECY Paper accepting the NEI Petition in part, proposing a Direct Final Rule, and a longer term additional rule change. (9800166) (NRR)	10/98 11/98	R. Gramm, DRCH
24. Decision by the Commission on the Direct Final Rule and the Petition's disposition.	12/98 1/99	R. Gramm, DRCH

<b>THROUGH JUNE 30, 1999</b>		
Milestone	Date	Lead
3 5. Publication of a Federal Register Notice to accept in part the NEI petition for rulemaking and proposing a Direct Final Rule (9800166) (NRR)	02/99	R. Gramm, DRCH
6. Direct Final Rule effective if no adverse comments received.	04/99	R. Gramm, DRCH

Comments: 1&2. These milestones are expected to impact the staff's efforts for timely completion of vendor/contractor inspections in FY 98 and 99. Budgeted FY99 resources will require redirection depending on the final Commission decision. Commission decision to accept the staff proposal is expected by 12/98.

- 1-6. The staff delayed the SECY Paper 1 month in order to include a Direct Final Rule with the Federal Register Notice which accepts the petition in part. The original schedule did not include submitting a Direct Final Rule with the SECY. This will expedite the effective date of the Direct Final Rule by about 4 months.



## **VI. Topic Area: Other Agency Programs and Areas of Focus**

SES Manager: Jack Roe, Acting Director, DRPM/NRR

### **I. Specific Issue: Revised Source Term Rulemaking**

Objective: To revise Part 50 to allow holders of operating power reactor licences to voluntarily amend the facility design basis to use revised source terms in design basis accident radiological analyses. This action would allow these facilities to pursue risk-informed licensing actions made possible through the use of the revised source term.

<b>PRIOR TO JANUARY 28, 1999</b>		
Milestone	Date	Lead
1. Commission approval of rulemaking plan (submitted 6/30/98)	9/4/98(C)	C. Miller, DRPM
2. Complete proposed rule package	10/98	C. Miller, DRPM
3. Office concurrence	11/98	C. Miller, DRPM
4. ACRS review	11/98	C. Miller, DRPM
5. CRGR concurrence	12/98	C. Miller, DRPM
6. Proposed rule package to EDO (9700025) (NRR)	12/98	C. Miller, DRPM
7. Submit proposed rule package to Commission	12/15/98	C. Miller, DRPM
8. Publish in Federal Register	1/99	C. Miller, DRPM

<b>THROUGH JUNE 30, 1999</b>		
Milestone	Date	Lead
9. Complete draft guide; draft SRP section	5/99	C. Miller, DRPM
10. End of Public Comment Period	4/99	C. Miller, DRPM
11. Office concurrence on final rule; draft guide; draft SRP	6/99	C. Miller, DRPM

BEYOND JUNE 30, 1999		
Milestone	Date	Lead
12. ACRS review	7/99	C. Miller, DRPM
13. CRGR review	7/99	C. Miller, DRPM
14. Final rule; draft guide; draft SRP to EDO (9700025) (NRR)	7/99	C. Miller, DRPM
15. Final rule; draft guide; draft SRP to Commission	7/30/99	C. Miller, DRPM
16. End of public comment period	11/99	C. Miller, DRPM
17. Office concurrence on final guide; final SRP	12/99	C. Miller, DRPM
18. ACRS review on final guide; final SRP	12/99	C. Miller, DRPM
19. CRGR concurrence on final guide; final SRP	1/00	C. Miller, DRPM
20. Final guide; final SRP to EDO (9700025) (NRR)	1/00	C. Miller, DRPM
21. Final guide; final SRP to Commission	1/24/00	C. Miller, DRPM

Meetings with ACRS and CRGR would be expected to occur in conjunction with the scheduled reviews.

~~The staff is working with NEI to schedule a status meeting in early October 1998.~~ Staff conducted a public meeting with NEI and Industry on 10/1/98. The staff expects to conduct additional meetings as the need arises. There is currently no planning for a workshop. Such a workshop may be appropriate once the staff has issued the final rule, the draft guide, and the draft SRP.

## **VII. TOPIC AREA: Uranium Recovery Issues**

SES Manager: John W. Hickey, Chief, Uranium Recovery Branch

### **A. Specific Issues: Uranium recovery concerns raised in Senate report**

- C Dual regulation of ground water at in situ leach (ISL) facilities
- C Expanded use of mill tailings impoundments to dispose of other material
- C Eliminate consideration of economics in the processing of alternate feedstock

Objective: To look for ways to:

- 1) eliminate dual regulation of ISLs facilities;
- 2) reduce the regulatory burden on uranium mill wanting to expand the use of impoundments for disposal of other materials besides mill

tailings; and

- 3) encourage uranium mills who want to engage in recycling of materials for their uranium content

<b>PRIOR TO JANUARY 28, 1999</b>		
Milestone	Date	Lead
1. Commission paper on ways to eliminate dual regulation at ISLs (9800176) (NMSS)	11/98	J. Park/D. Gillen, URB
2. Commission paper on revising guidance for expanding disposal capability of uranium mill tailings impoundments, and ask for Commission policy on hearing orders concerning need to consider economics in alternate feedstock evaluations (9800176) (NMSS)	11/98	J. Park/D. Gillen, URB
3. Complete hearing on alternate feedstock amendment to see how State of Utah concerns about staff not appropriate applying economics criteria is determined.	12/98	P. Block, ASLBP

<b>THROUGH JUNE 30, 1999</b>		
Milestone	Date	Lead
4. Implement any changes in review of alternate feedstock that result from hearing and Commission review of previous hearing orders	01/99	D. Gillen, URB
5. Complete Part 41 rulemaking plan, including recommendations on regulatory changes to address the three issues (9800177) (NMSS)	04/99	M. Haisfield, NMSS M. Fliegel, NMSS
6. Revise ISL Standard Review Plan to implement staff recommendations if approved by Commission	06/99	W. Ford, URB

THROUGH JUNE 30, 1999		
7. Issue revised draft guidance on disposal capability with Commission-approved revisions	06/99	D. Gillen, URB

BEYOND JUNE 30, 1999		
Milestone	Date	Lead
8. Publish proposed Part 41 for public comment, including regulatory changes to address three issues (9800177) (NMSS)	04/00	M. Haisfield, NMSS M. Fliegel, NMSS
9. Publish final Part 41 codifying agency policy on resolution of three issues. (9800177) (NMSS)	12/00	M. Haisfield, NMSS M. Fliegel, NMSS

Comments:

General comment re:objective stated above: Three issues raised in the Senate report are presented in the National Mining Association white paper that was presented to the Commission in April 1998.

1.& 2. Staff will provide recommendations to Commission on ways to address issues on eliminating dual regulation and on disposal of material in tailings impoundments. If approved by Commission, staff will begin to implement those recommendations in its review practices, and recommend that they be codified in Part 41.

3.& 4. The most recent alternate feedstock amendment issued by the staff is being contested by the State of Utah and Envirocare. One of the contentions is that the staff failed to conduct the appropriate economics test in accepting the amendment application. A decision from this hearing could help provide guidance to the staff on how economics should be considered in future reviews.

**VIII. TOPIC AREA: Changes to NRC's Hearing Process**

SES Manager: Joe Gray, OGC

**A: Use of Informal Adjudicatory Procedures**

PRIOR TO JANUARY 28, 1999		
Milestone	Date	Lead
1. Paper to Commission on legislative and rulemaking options to enhance Commission's ability to utilize informal Adjudicatory Procedures.	12/31/98	J. Fitzgerald, OGC
2. Commission Guidance	1/21/99	J. Fitzgerald, OGC
THROUGH JUNE 30, 1999		
3. Prepare legislation for Commissioner review.	TBD	J. Fitzgerald, OGC
4. Prepare notice of proposed rulemaking for Commission review.	TBD	J. Fitzgerald, OGC
BEYOND JUNE 30, 1999		
5. Prepare final rule	TBD	J. Fitzgerald, OGC